473 Rec'd PCT/PTO 24 MAR 2005

'	RANSMIITAL LETTER TO	•	18062G-006610US
	DESIGNATED/ELECTED CONCERNING A FILING I		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/524,608
INTERN	ATIONAL APPLICATION NO. PCT/US03/25456	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
TITLE O		August 14, 2003 VIDE MAPPING OF POST-TRANS	August 14, 2002 SLATIONAL MODIFICATIONS
	USING ENDOF		
		N M. SHOKAT and ZACHARY KNI	•
Applican	t herewith submits to the United States	s Designated/Elected Office (DO/EO/US) th	e following items and other information:
1.	This is a FIRST submission of items	concerning a submission under 35 U.S.C. 3	371.
2.	•	T submission of items concerning a submis-	
3.	This is an express request to begin notice (5), (6), (9) and (21) indicated below.		. 371(f)). The submission must include items
4. 🗌	The US has been elected (Article 31)).	
5.	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))	•
	a. is attached hereto (required o	only if not communicated by the International	al Bureau).
	b. has been communicated by the	he International Bureau.	
	c. is not required, as the applica	ation was filed in the United States Receivin	ig Office (RO/US).
6.	An English language translation of the	e International Application as filed (35-U.S.	C. 371(c)(2)).
	a. is attached hereto.		
	b. has been previously submitted	d under 35 U.S.C. 154(d)(4).	×(-
7.	Amendments to the claims of the Inte	ernational Application under PCT Article 19	(35 U.S.C. 371(c)(3))
	a. are attached hereto (required	only if not communicated by the Internation	nal Bureau).
	b. have been communicated by	the International Bureau.	
	c. have not been made; howeve	er, the time limit for making such amendmer	nts has NOT expired.
	d. have not been made and will	not be made.	
8. 🗌	An English language translation of the	e amendments to the claims under PCT Art	ticle 19 (35 U.S.C. 371(c)(3)).
9. 🛚	An oath or declaration of the inventor	(s) (35 U.S.C. 371(c)(4)).	
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	Examination Report under PCT
Iten	ns 11 to 20 below concern document	t(s) or information included:	
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.	
12. X	Two counterpart assignment docume ncluded.	nts for recording. Separate cover sheets in	n compliance with 37 CFR 3.28 and 3.31 are
13. 🔲	A preliminary amendment.		
14. 🛛	A Supplemental Application Data She	et under 37 CFR 1.76.	
15. 🗌	A substitute specification.		
16. 🛚	Two powers of attorney and/or chang	e of address letter.	
17. 🔲	A computer-readable form of the sequ	uence listing in accordance with PCT Rule	13ter.2 and 37 CFR 1.821 - 1.825.
18. 🗌	A second copy of the published Interr	national Application under 35 U.S.C 154(d)((4).

19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

U.S. APPLICATION NO. (if known, see 37 Cm.)	5) INTERNATIONAL	APPLICATION NO.	ATTORNEY'S D	OCKET NUMBER
10/524,608	PCT/US0	3/025456	18062G-0	006610US
2) C	unterpart Statements under 3 pies of Assignment docs (not tition for extension of time	37 CFR 3.73(b) t for recordation)		
The following fees have been submitt	d	<u>.</u>	CALCULATIONS	PTO USE ONLY
21. Basic national fee (37 CFR 1.492(a))		\$300	\$	
22. Examination fee (37 CFR 1.492(c))				-
If the written opinion prepared by ISA/US or the by IPEA/US indicates all claims satisfy pro All other situations	isions of PCT Article 33(1)-(4)	\$0	\$	
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the interna IPEA/US indicates all claims satisfy provis Search fee (37 CFR 1.445(a)(2)) has been paid International Searching Authority	ons of PCT Article 33(1)-(4) n the international application t	\$0 to the USPTO as an \$100		
International Search Report prepared by an ISA previously communicated to the US by the All other situations	IB	\$400	\$	
TOTAL OF 21, 22 and 23			\$	
Additional fee for specification and drawings sequence listing in compliance with 37 electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sequences.	FR 1.821(c) or (e) or computer	program listing in an		
	er of each additional 50 or frac of (round up to a whole numbe			
- 100 = /50 =		× \$250	\$	
Surcharge of \$130.00 for furnishing any of the safter the date of commencement of the national	arch fee, examination fee, or th tage (37 CFR 1.492(h)).	e oath or declaration	\$ 65	
· CLAIMS NUMBER FILED	NUMBER EXTRA	RATE		
Total claims - 20	-	x \$ 50	\$	
Independent claims - 3	= ·	.x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicab)	+ \$360	\$	
	TOTAL OF ABOV	VE CALCULATIONS =	\$	
Applicant claims small entity status. See 3	CFR 1.27. Fees above are re	duced by 1/2.	\$	
		SUBTOTAL =	\$ 65	•
Processing fee of \$130.00 for furnishing the Englishmed priority date (37 CFR 1.492(i)).	sh translation later than 30 mo	nths from the earliest +	\$	
		AL NATIONAL FEE =	\$	···-
Fee for recording the enclosed assignment (37 oby an appropriate cover sheet (37 CFR 3.28, 3.3)	FR 1.21(h)). The assignment r). \$40.00 per property	nust be accompanied +	\$	
	TOTA	L FEES ENCLOSED =	\$ 65	
06 LLANDGRA 00000042 201430 10524608			Amount to be refunded:	\$
7 65.00 DA			Amount to be charged:	\$.

U.S. APPLICATION NO. (if known, see 37 (1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/524,608	PCT/US03/025456	18062G-006610US
a. A check in the amount of \$	to cover the above fees is enclosed	1.
	o charge any additional fees which may be req	quired, or credit any overpayment to
d. Fees are to be charged to a credit card. We should not be included on this form.	VARNING: Information on this form may becor provide credit card information and authorization	me public. Credit card information on PTO-2038.
NOTE: Where an appropriate time limit under 37 be filed and granted to restore the International A		revive (37 CFR 1.137(a) or (b)) must
	1 05	//
SEND ALL CORRESPONDENCE TO:	SIGNATURE	fenh
Kenneth E. Jenkins	Konneth E. Jankind	·
TOWNSEND AND TOWNSEND AND CREW LLP	Kenneth E. Jenkins NAME	
Two Embarcadero Center, Eighth Floor	51,846	
San Francisco, CA 94111-3834	REGISTRATION NUMBER	₹
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United States Patent and Trademark Office

180626-00661 ous KET, SD

UNITED STATES DEPARTMENT OF COMMERCE UNITED STATES DEPARIMENT OF COMMI United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Viginia 22313-1450 www.nspto.gov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/524,608

Kevan M Shokat

18062G-006610US

INTERNATIONAL APPLICATION NO.

PCT/US03/25456

I.A. FILING DATE

PRIORITY DATE

08/14/2003

08/14/2002

TOWNSEND AND TOWNSEND AND CREW, LLP TWO EMBARCADERO CENTER **EIGHTH FLOOR** SAN FRANCISCO, CA 94111-3834

Lesponse Due

CONFIRMATION NO. 1119 371 FORMALITIES LETTER

OC000000017501211

Date Mailed: 12/01/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 02/14/2005
- Request for Immediate Examination filed on 02/14/2005
- U.S. Basic National Fees filed on 02/14/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

\$65 Surcharge.

Additionally the following defects have been observed:

The International Search Report has not be supplied, the Search Fee has been adjusted to reflect this
omission.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.	
10/524,608	PCT/US03/25456	18062G-006610US	

FORM PCT/DO/EO/905 (371 Formalities Notice)